

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 5)

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 8 to 16 km (meters)	Predicted Distances	
		To the 316 mV/m contour (kilometers)	To the 1 mV/m contour (kilometers)
"	131.1	18.7	31.9
0	101.6	16.3	28.5
45	123.8	18.2	31.1
90	123.6	18.2	31.1
135	102.1	16.4	28.6
180	91.7	15.3	27.1
225	91.1	15.3	27.1
270	86.3	14.9	26.4
315	78.4	14.1	25.2

*Radial through principal community, if not one of the major radials. This radial should NOT be included in the calculation of HAAT.

20. Environmental Statement/See 47 C.F.R. Section 1.1301 et seq.)

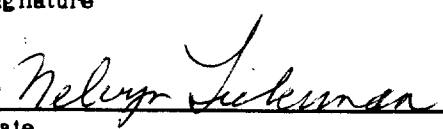
Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact? ☐ Yes ☒ No

If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311. Exhibit No.

If No, explain briefly why not. See Engineering Exhibit

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

Name (Typed or Printed)	Relationship to Applicant (e.g., Consulting Engineer)
Melvyn Lieberman	Consulting Engineer
Signature	Address (Include ZIP Code)
	Rubin, Bednarek & Associates, Inc. 1350 Connecticut Avenue, NW - Suite 610 Washington, DC 20036
Date	Telephone No. (Include Area Code)
March 26, 1992	(202) 296-9380

PROPOSED ANTENNA

OVERALL HEIGHT : 314m (1030') AMSL

RADIATION CENTER: 310m (1017') AMSL

76m (250') AGL

72m (237') AGL

SITE ELEVATION : 238m (780') AMSL

EXHIBIT I

VERTICAL PLAN SKETCH OF PROPOSED
ANTENNA AND SUPPORTING STRUCTURE
HARRISBURG, NORTH CAROLINA

TODDJON
MARCH 1992

RUBIN, BEDNAREK & ASSOCIATES, INC.
TELECOMMUNICATIONS CONSULTING ENGINEERS
WASHINGTON, DC

NOTE :
NOT DRAWN TO SCALE

RUBIN, BEDNAREK & ASSOCIATES, INC.
CONSULTING TELECOMMUNICATIONS ENGINEERS
1350 CONNECTICUT AVENUE, NW - SUITE 610
WASHINGTON, DC 20036

New - Harrisburg, North Carolina

EXHIBIT II - Page 1

FM ALLOCATION STUDY

Channel 224A

N 35° 17' 30"

W 80° 45' 19"

Call City of	Auth License	Licensee name St FCC File no.	Chan ERP-kW Freq EAH-m	Latitude Longitude	Br-to -from	Dist. (km)	Req. (km)	
ALLOC Morganton		NC	221A 92.1	35-45-09 81-43-19	300.6 120.1	101.5 70.50	31 CLEAR	
ALLOC Asheboro		NC	222C 92.3	35-49-59 79-50-02	53.9 234.4	102.9 7.888	95 CLOSE	
WKRR Asheboro	LIC	Dick B/Cng Co., Inc of No NC BLH-851227KB	222C 92.3	100DA 393	35-49-59 79-50-02	53.9 234.4	102.9 7.888	95 CLOSE
WESC-FM Greenville	LIC	B/Casting Company of the SC BLH-800811AB	223C 92.5	100 610BT	35-08-16 82-36-31	264.7 83.7	169.6 4.609	165 CLOSE
ALLOC Greenville		SC	223C 92.5	35-08-16 82-36-31	264.7 83.7	169.6 4.609	165 CLOSE	
PRM Harrisburg	ADD	York David Anthony NC DOC-89-594	224A 92.7	35-20-28 80-41-30	46.4 226.4	7.972 -107	115 SHORT	
NEW Dillon	APC	Clayton Broadcasting Cor SC BPH-881101MI	225C 92.9	100 549	34-21-53 79-19-49	128.0 308.8	166.0 1.035	165 CLOSE
WZNS Dillon	LIC	Resort Broadcasters of D SC BLH-860811KB	225C 92.9	100 549	34-21-53 79-19-49	128.0 308.8	166.0 1.035	165 CLOSE
ALLOC Dillon		SC	225C 92.9	34-21-53 79-19-49	128.0 308.8	166.0 1.035	165 CLOSE	
ALLOC Winston-Salem		NC	226C 93.1	36-16-33 79-56-27	33.6 214.1	131.7 36.70	95 CLEAR	
ALLOC Forest City		NC	227C 93.3	35-16-19 82-14-00	269.5 88.6	134.5 39.49	95 CLEAR	

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New - Harrisburg, North Carolina

EXHIBIT II - Page 2

FM ALLOCATION STUDY

Channel 224A

N 35° 17' 30"

W 80° 45' 19"

Call City of	Auth License	Licensee name St	FCC File no.	Chan Freq	ERP-kW EAH-m	Latitude Longitude	Br-to -from	Dist. (km)	Req. (km)
NEW Lenoir	APC	Gateway Media Limited Pa	NC BPH-890616MN	277A 103.3	.86 185	35-58-24 81-33-22	316.6 136.1	104.8 94.79	10 CLEAR
PRM Greenwood	DEL	Bay Communications, Inc.	SC DOC-89-404	278C3 103.5		34-09-28 82-07-42	225.3 44.5	177.9 165.9	12 CLEAR

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New - Harrisburg, North Carolina

EXHIBIT III(a)

FM Stations Within 10 Kilometers of Proposed Site

N 35° 17' 30"

W 80° 45' 19"

Call City of license	Auth license	Licensee name St FCC file no.	Channel freq	H-kW H-m	V-kW V-m	Latitude Longitude	Br-to -from	Dist (km)
WSOC-FM LIC Charlotte		WSOC Radio, Inc. NC BLH-860730KA	279C 103.7	100 320	100 320BT	35-15-41 80-43-38	142.9 322.9	4.2
NEW Charlotte	CP	MHS Holdings, L.P. NC	255A 98.9		.084DA 41	35-16-37 80-50-02	257.1 77.1	7.3
WFAE Charlotte	LIC	The University of NC At NC	*214C1 90.7	100 228	100DA 228	35-15-06 80-41-12	125.5 305.5	7.7
WMXC Charlotte	LIC	EZ Communications, Inc. NC BLH-891025KA	284C 104.7	100 376	99.0DA 376	35-15-06 80-41-12	125.5 305.5	7.7
WMXC Charlotte	APC	EZ Communications, Inc. NC BMPH-911127IE	284C 104.7	100 369	100DA 369BT	35-15-06 80-41-12	125.5 305.5	7.7
WMXC Charlotte	CP	EZ Communications, Inc. NC BPH-891120IB	284C 104.7	100 376	100DA 376BT	35-15-06 80-41-12	125.5 305.5	7.7
NEW Charlotte	CP	MHS Holdings, L.P. NC	255A 98.9		.084DA 5	35-21-46 80-43-14	21.7 201.7	8.5

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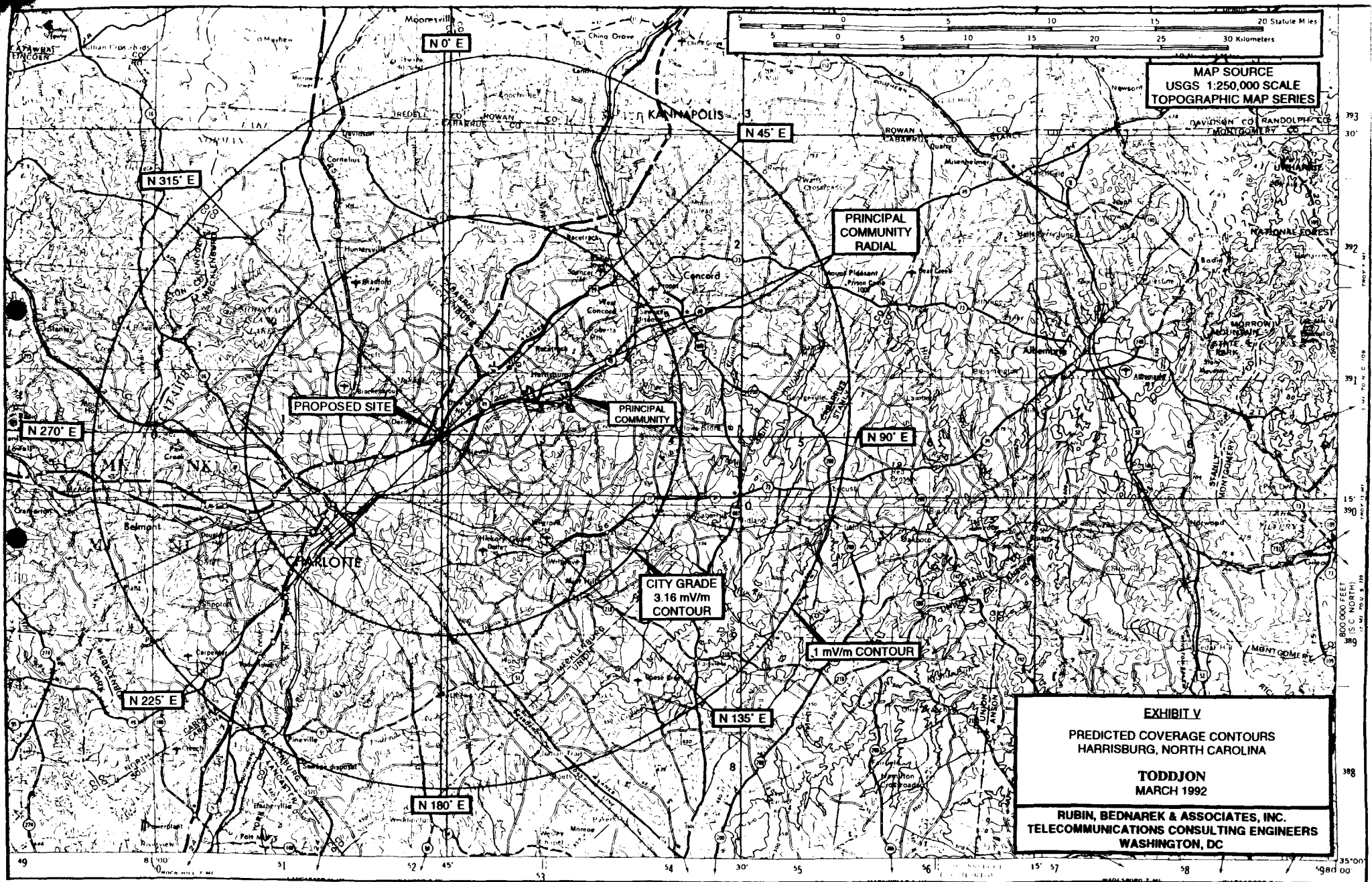
WASHINGTON, DC 20036

New - Harrisburg, North Carolina**EXHIBIT III(b)**TV Stations Within 10 Kilometers of Proposed Site

N 35° 17' 30"


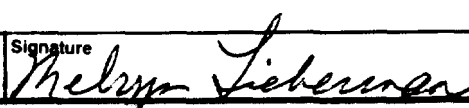
W 80° 45' 19"

Call City of license	Auth of license	Licensee name St FCC file number	Chan. Zone	ERP (kW)	HAMSL-m HAAT-m	Latitude Longitude	Br-to -from	Dist (km)
WCCB CHARLOTTE	LIC	WCCB-TV, INC. NC BLCT-791128LG	18 o II	2090	581 366	35-15-56 80-44-06	147.6 327.6	3.4
WSOC-TV CHARLOTTE	LIC	WSOC TELEVISION, INC. N LT-860703KF	9 + II	316	576 359	35-15-41 80-43-38	142.9 322.9	4.2
WTVI CHARLOTTE	CP	CHARLOTTE MECKLENBURG NC BPET-901217KE	*42 + II	2750	590 390	35-17-14 80-41-45	95.2 275.3	5.4
WKAY KANNAPOLIS	CP	COMMUNITY ACTION COMMU NC BMPCT-890413KE	64 - II	2570	612 DA 412	35-15-05 80-41-15	126.0 306.1	7.6
WUNG-TV CONCORD	LIC	UNIVERSITY OF NORTH CA NC BLET-850715KO	*58 o II	1230	595 DA 393	35-15-06 80-41-12	125.5 305.5	7.7
WTVI CHARLOTTE	LIC	CHARLOTTE MECKLENBURG NC BLET-860219KF	*42 + II	1380	352 140	35-12-25 80-47-30	199.3 19.3	10.0



DO NOT REMOVE CARBONS

Form Approved OMB No. 2120-0001

 U.S. Department of Transportation Federal Aviation Administration		NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION		Aeronautical Study Number	
1. Nature of Proposal A. Type <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Alteration B. Class <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary (Duration _____ months) C. Work Schedule Dates Beginning <u>Upon FCC CP</u> End <u>Grant 3-6 months</u>			2. Complete Description of Structure A. Include effective radiated power and assigned frequency of all existing, proposed or modified AM, FM, or TV broadcast stations utilizing this structure. B. Include size and configuration of power transmission lines and their supporting towers in the vicinity of FAA facilities and public airports. C. Include information showing site orientation, dimensions, and construction materials of the proposed structure. Constant cross-section guyed steel tower supporting a top-mounted FM antenna. Frequency : 92.7 MHz ERP : 6.0 kW (See attached tower sketch)		
3A. Name and address of individual, company, corporation, etc. proposing the construction or alteration. (Number, Street, City, State and Zip Code) (704) <u>379-9286</u> area code Telephone Number Todd Robinson Toddjon 121 W. Trade Street - Suite 1500 Charlotte, NC 28201-1012			(if more space is required, continue on a separate sheet.)		
Name, address and telephone number of proponent's representative if different than 3 above. Rubin, Bednarek & Associates, Inc. 1350 Connecticut Avenue, NW - Suite 610 Washington, DC 20036 (202) 296-9380					
4. Location of Structure A. Coordinates (To nearest second) 35° 17' 30" Latitude 80° 45' 19" Longitude B. Nearest City or Town, and State Derita, NC (1) Distance to 4B 2.35 Miles (2) Direction to 4B N 270 E C. Name of nearest airport, heliport, flightpark, or seaplane base Delta (Pvt) (1) Distance from structure to nearest point of nearest runway 8.0 km (2) Direction from structure to airport N 155 E			5. Height and Elevation (Complete to the nearest foot) A. Elevation of site above mean sea level 780' B. Height of Structure including all appurtenances and lighting (if any) above ground, or water if so situated 250' C. Overall height above mean sea level (A + B) 1030'		
D. Description of location of site with respect to highways, streets, airports, prominent terrain features, existing structures, etc. Attach a U.S. Geological Survey quadrangle map or equivalent showing the relationship of construction site to nearest airport(s). (if more space is required, continue on a separate sheet of paper and attach to this notice.) Approximately 0.1 miles Northeast of the intersection of U.S. Route 29 and State Route 49, Mecklenburg County, North Carolina.					
Notice is required by Part 77 of the Federal Aviation Regulations (14 C.F.R. Part 77) pursuant to Section 1101 of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1101). Persons who knowingly and willingly violate the Notice requirements of Part 77 are subject to a fine (criminal penalty) of not more than \$500 for the first offense and not more than \$2,000 for subsequent offenses, pursuant to Section 902(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1472(a)).					
I HEREBY CERTIFY that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to obstruction mark and/or light the structure in accordance with established marking & lighting standards if necessary.					
Date March 26, 1992		Typed Name/Title of Person Filing Notice Melvyn Lieberman		Signature 	
FOR FAA USE ONLY					
The Proposal: <input type="checkbox"/> Does not require a notice to FAA. <input type="checkbox"/> Is not identified as an obstruction under any standard of FAR, Part 77, Subpart C, and would not be a hazard to air navigation. <input type="checkbox"/> Is identified as an obstruction under the standards of FAR, Part 77, Subpart C, but would not be a hazard to air navigation. <input type="checkbox"/> Should be obstruction <input type="checkbox"/> marked, <input type="checkbox"/> lighted per FAA Advisory Circular 70/7460-1, Chapter(s) _____ <input type="checkbox"/> Obstruction marking and lighting are not necessary.			Supplemental Notice of Construction FAA Form 7460-2 is required any time the project is abandoned, or <input type="checkbox"/> At least 48 hours before the start of construction. <input type="checkbox"/> Within five days after the construction reaches its greatest height. This determination expires on _____ unless: (a) extended, revised or terminated by the issuing office; (b) the construction is subject to the licensing authority of the Federal Communications Commission and an application for a construction permit is made to the FCC on or before the above expiration date. In such case the determination expires on the date prescribed by the FCC for completion of construction, or on the date the FCC denies the application. NOTE: Request for extension of the effective period of this determination must be postmarked or delivered to the issuing office at least 15 days prior to the expiration date. If the structure is subject to the licensing authority of the FCC, a copy of this determination will be sent to that Agency.		
Remarks:					
Issued In		Signature		Date	

DO NOT REMOVE CARBONS

RUBIN, BEDNAREK & ASSOCIATES, INC.
CONSULTING TELECOMMUNICATIONS ENGINEERS
1350 CONNECTICUT AVENUE, NW - SUITE 610
WASHINGTON, DC 20036

DECLARATION

MELVYN LIEBERMAN, declares and certifies as follows:

That he is associated with the firm of RUBIN, BEDNAREK & ASSOCIATES;

That this firm has been retained by TODDJON to prepare this application requesting a construction permit authorizing installation of an FM broadcasting station to serve Harrisburg, North Carolina;

That his qualifications are a matter of record with the Federal Communications Commission;

That he has either prepared or directly supervised the preparation of all technical material contained in this engineering exhibit and that the facts stated in this amendment are true of his knowledge and belief except as to such statements as are herein stated to be on information and belief and as to such statements he believes them to be true.

March 26, 1992
Date

Melvyn Lieberman
Melvyn Lieberman